

Supplemental Material Table 2. Spearman correlations between reading measures and radial diffusivity (RD)<sup>a</sup> and axial diffusivity (AD)<sup>a</sup> from peak nodes for full term and preterm groups

		Comprehension							
		Decoding (SS)		(SS)		Decoding (SS)		Comprehension (SS)	
		Full Term		Full Term		Preterm		Preterm	
Matter		peak node		peak node		peak node		peak node	
Tract	rs	peak node (range)	rs						
<b>White</b>									
<b>aSLF-L</b>									
RD	0.458*	27 (26-29)	0.667*	27 (25-30)	-0.481*	7 (4-10)	-0.529*	6 (2-8)	
AD	-0.627*	27 (26-29)	-0.534*	27 (25-30)	0.263	7 (4-10)	0.232	6 (2-8)	
<b>aSLF-L</b>									
RD	--	--	--	--	-0.448*	24 (22-29)	-0.468*	28 (23-29)	
AD	--	--	--	--	0.352	24 (22-29)	0.224	28 (23-29)	
<b>aSLF-R</b>									
RD	--	--	--	--	-0.379	13 (12-14)	--	--	
AD	--	--	--	--	0.187	13 (12-14)	--	--	
<b>Arc-L</b>									
RD	--	--	0.472*	9 (8-10)	-0.440*	10 (9-11)	--	--	
AD	--	--	-0.381	9 (8-10)	0.457*	10 (9-11)	--	--	
<b>CST-L</b>									
RD	0.547*	2 (1-14)	--	--	-0.457*	23 (23-27)	--	--	
AD	-0.318	2 (1-14)	--	--	0.143	23 (23-27)	--	--	
<b>CST-R</b>									
RD	0.507*	9 (1-13)	--	--	-0.464*	26 (23-27)	-0.402*	26 (23-27)	
AD	-0.301	9 (1-13)	--	--	0.193	26 (23-27)	-0.028	26 (23-27)	

**UF-L**

RD	0.481*	20 (17-22)	0.575*	20 (17-22)	--	--	-0.568*	14 (11-17)
AD	-0.192	20 (17-22)	-0.135	20 (17-22)	--	--	0.338	14 (11-17)

**UF-R**

RD	0.681*	17 (14-21)	--	--	--	--	--	--
AD	-0.285	17 (14-21)	--	--	--	--	--	--

<sup>a</sup> RD and AD extracted from the peak node where significant associations were observed between reading measures and FA

\*p < 0.05

SS = standard score; SLF = superior longitudinal fasciculus; Arc = arcuate; CST = corticospinal tract; UF = uncinate fasciculus; L= left; R= right.